MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

APRIL, 1927

J. A. BROWN, DIRECTOR

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AUG 2- 1927

Printed at the American Press
Beirut, Syria

APRIL 1927

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C, Sea level and 45° Latitude				Thermometer Cent.			Bright Sun-shine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	756.4	756.8	757.4	756.9	20.2	15.1		5.9	
2	6.7	6.4	6.5	756.5	20.7	13.3		5.8	1.55
3	6.7	5.3	5.1	755.7	22.0	13.3		8.8	1.09
4	6.7	5.4	6.6	756.2	19.8	12.0		3.9	17.27
5	5.0	6.9	7.6	756.5	19.8	11.9		6.6	16.81
6	757.0	756.4	755.1	756.2	19.8	10.8		6.3	20.57
7	4.5	3.9	5.1	754.5	14.8	10.7		.4	20.43
8	6.0	7.4	8.7	757.4	18.1	10.6		3.8	2.54
9	61.2	61.6	62.7	761.8	19.3	11.8		10.1	
10	3.1	2.3	2.6	762.7	19.9	11.4		11.6	
11	761.5	760.4	760.3	760.7	20.3	13.5		11.6	
12	0.1	59.4	59.6	759.7	21.5	14.0		11.6	
13	0.2	9.8	60.6	760.2	23.9	14.8		11.1	
14	0.6	60.6	0.4	760.5	21.4	15.6		9.9	
15	59.0	58.7	58.0	758.8	23.0	15.3		7.8	
16	756.4	757.0	755.2	756.3	24.1	17.3		.1	.38
17	5.1	4.4	4.9	754.8	22.6	17.4		10.0	
18	8.4	8.2	60.3	758.9	23.8	17.5		9.3	
19	60.6	60.8	0.6	760.7	23.2	16.2		5.5	
20	59.7	59.1	59.3	759.4	26.7	17.7		1.0	.13
21	759.1	759.3	761.1	759.8	19.8	15.8		2.6	21.30
22	63.7	63.5	63.8	763.7	20.8	12.9		12.0	
23	3.3	3.2	3.6	763.4	19.4	13.4		11.9	
24	3.8	2.4	1.4	762.5	22.2	15.6		10.7	
25	59.5	58.2	58.0	758.6	22.6	16.1		6.5	
26	757.5	756.4	755.6	756.5	22.6	15.8		8.8	
27	9.3	60.0	61.4	760.2	22.1	16.2		10.6	1.57
28	61.9	1.0	1.5	761.5	22.3	14.9		11.4	
29	1.6	0.2	59.5	760.4	22.9	15 6		11.4	
30	58.1	57.1	7.2	757.5	23.2	15.4		5.0	
	759.1	758.7	758.9	758.9	21.4	14.3		7.81	103.64

BAROMETER

Maximum 763.8 on 22nd and 24th

Minimum 753.9 on 7th

THERMOMETER

Maximum 26.7 on 20th

Minimum 10.6 on 8th

RAINFALL

Maximum 21.30 on 21st

Number of days with rain 11, thunderstorms 2, gales 0.

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	17.9	19.6	16.0	17.8	17.2	19.3	15.5	14.0	16.9	12.8	14.6	91	97	94	94
2	18.9	18.8	16.4	18.0	17.9	18.3	15.7	14.6	15.2	12.7	14.2	89	94	91	91
3	17.7	20.8	18.8	19.1	17.4	20.5	18.3	14.4	17.7	15.2	15.8	95	96	94	95
4	14.1	16.3	14.8	15.1	13.6	15.0	14.4	11.2	11.8	12.0	11.7	94	86	96	92
5	14.5	17.9	12.8	15.1	13.9	17.2	12.8	11.4	14.0	11.0	12.1	92	91	99	94
6	12.9	17.6	13.1	14.5	12.8	16.9	12.2	10.9	13.9	10.1	11.6	99	93	89	93
7	11.1	14.2	14.5	13.3	10.8	13.1	13.4	9.5	10.5	10.8	10.3	96	87	87	90
8	14.9	14.3	13.4	14.2	13.6	13.8	12.7	10.7	11.5	10.4	10.5	85	95	91	90
9	17.4	18.4	14.4	16.7	16.3	17.6	13.9	13.1	14.4	11.5	13.0	88	91	93	91
10	17.2	19.4	16.1	17.6	16.1	18.6	15.7	12.9	15.3	12.9	13.7	89	91	95	92
11	17.9	19.9	17.0	18.3	16.7	19.7	16.9	13.2	16.7	14.1	14.7	86	95	96	92
12	19.5	20.3	16.7	18.8	17.6	19.0	16.2	13.7	15.3	13.4	14.1	81	86	95	87
13	18.6	23.3	18.0	20.0	17.8	22.1	17.7	14.6	18.7	14.9	16.1	92	88	97	92
14	19.6	20.7	17.1	19.1	18.3	19.8	16.1	14.7	16.5	12.9	14.7	86	90	90	89
15	16.4	21.0	18.1	18.5	15.8	20.1	15.8	12.9	16.7	11.8	13.8	92	90	77	86
16	23.0	19.9	21.5	21.5	20.8	19.4	20.4	16.6	16.3	16.9	16.6	80	94	88	87
17	19.8	21.0	21.5	20.8	19.4	20.6	20.4	16.5	17.7	17.0	17.1	96	95	89	93
18	21.3	23.4	18.6	21.1	19.7	22.6	18.3	15.8	19.6	15.4	16.9	83	91	96	90
19	20.6	21.7	18.3	20.2	19.4	21.0	17.7	15.7	18.0	14.7	16.1	87	93	94	91
20	23.9	26.2	19.4	23.2	22.6	25.0	19.0	19.2	22.5	16.0	19.2	87	89	95	90
21	19.4	18.3	15.8	17.8	18.8	17.4	15.0	15.7	14.1	12.2	14.0	93	91	92	92
22	18.7	20.3	15.6	18.2	17.5	19.4	14.7	14.0	16.2	11.9	14.0	88	90	90	89
23	18.6	20.5	16.6	18.6	17.7	19.7	16.1	14.4	16.8	13.3	14.8	90	94	95	93
24	19.3	21.1	19.4	19.9	18.3	20.4	18.5	14.9	17.3	15.2	15.8	89	93	91	91
25	20.5	22.3	19.5	20.8	18.9	22.1	19.4	15.0	19.6	16.7	17.1	83	98	99	93
26	19.9	21.8	16.6	19.4	18.7	19.4	15.3	15.1	15.0	12.1	14.1	88	77	86	84
27	19.6	21.4	17.3	19.4	16.6	20.1	15.2	12.1	16.5	11.5	13.4	72	86	78	79
28	19.7	21.8	16.7	19.4	17.2	17.7	16.0	12.9	12.4	13.1	12.8	76	64	92	81
29	19.7	22.6	19.4	20.6	17.5	19.2	18.1	13.4	14.2	14.5	14.0	79	70	87	77
30	20.8	22.1	19.3	20.7	18.8	19.8	18.1	14.7	15.4	14.5	14.9	80	78	87	82
	18.4	20.2	17.0	18.5	17.2	19.1	16.3	13.9	15.9	13.3	14.3	87.5	89.1	91.4	89.3

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.: Max 1.75 m.; Min. 1.70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30 31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

APRIL 1927

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	8	3	1	4.0	2	2	1	234.1	calm	
2	5	6	4	5.0	1	3	0	318.7	,,	
3	1 cu ci	6cu ci	7	4.7	1	2	0	297.2	,,	
4	7cu n	6cu n	9cu n	7.3	0	4	1	470.1	rough	th. li. morn.
5	7	6	8cu n	7.0	3	4	1	398.8	v.slight	hl. sh. li.
6	9 cu n	5	4	6.0	0	2	0	285.4	calm	
7	10cu n	10cu n	10	10.0	2	2	3	406.0	v. slight	th.li.hev.sh.
8	9cu n	8	1	6.0	3	3nw	1	247.2	,,	
9	1ci cu	1	0	0.7	1e	0	0	117.0	calm	
10	0	0	0	0.0	1e	2e	1e	131.1	,,	
11	0	0	0	0.0	0	2e	1e	286.7	,,	
12	0	0	0	0.0	0	2e	0	220.9	,,	
13	0	0	0	0.0	1	1	0	45.4	,,	
14	0	7ci cu	6ci cu	4.3	3	2w	1	184.7	,,	
15	2ci cu	8ci cu	3ci cu	4.3	3	2	0	211.6	v. slight	
16	9	10	10	9.7	0	3s	1s	383.3	calm	
17	2	0	0	0.7	2nw	2e	1e	200.0	v. slight	
18	0	5ci cu	3	2.7	0	1	1nw	237.9	calm	
19	3ci cu	8ci cu	3	3.7	1nw	1nw	0	113.9	,,	
20	9	7	10cu n	8.7	1se	1	2	113.6	,,	sirocco
21	10cu n	7cu n	1	6.0	3	4nw	1se	284.3	v.slight	
22	0	1	0	0.3	0	2nw	0	123.6	calm	
23	0	4ci cu	0	1.3	1nw	2nw	0	106.4	,,	
24	0	2ci cu	1	1.0	2nw	2nw	2e	279.9	,,	
25	8ci cu	6alto cu	7	7.0	1ne	3w	1w	96.9	,,	d.in the mor.
26	0	4	8	4.0	3	3w	5w	213.5	,,	d.in the mor.
27	2	1	0	1.0	1nw	3	0	294.7	,,	
28	3	1	0	1.3	2nw	3	0	72.6	,,	
29	2	1	0	1.0	2nw	2	4n	158.0	,,	d.in the mor.
30	7ci cu	9	7	7.7	1nw	2	4	299.6	,,	gentle breeze
				3.8				227.77		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	2	1	0	11	0	8	7
2:30	0	0	4	0	1	15	3	6	1
8.30	1	0	4	1	1	8	2	1	12
Totals	1	1	10	2	2	34	5	15	20

N. B. — Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw,